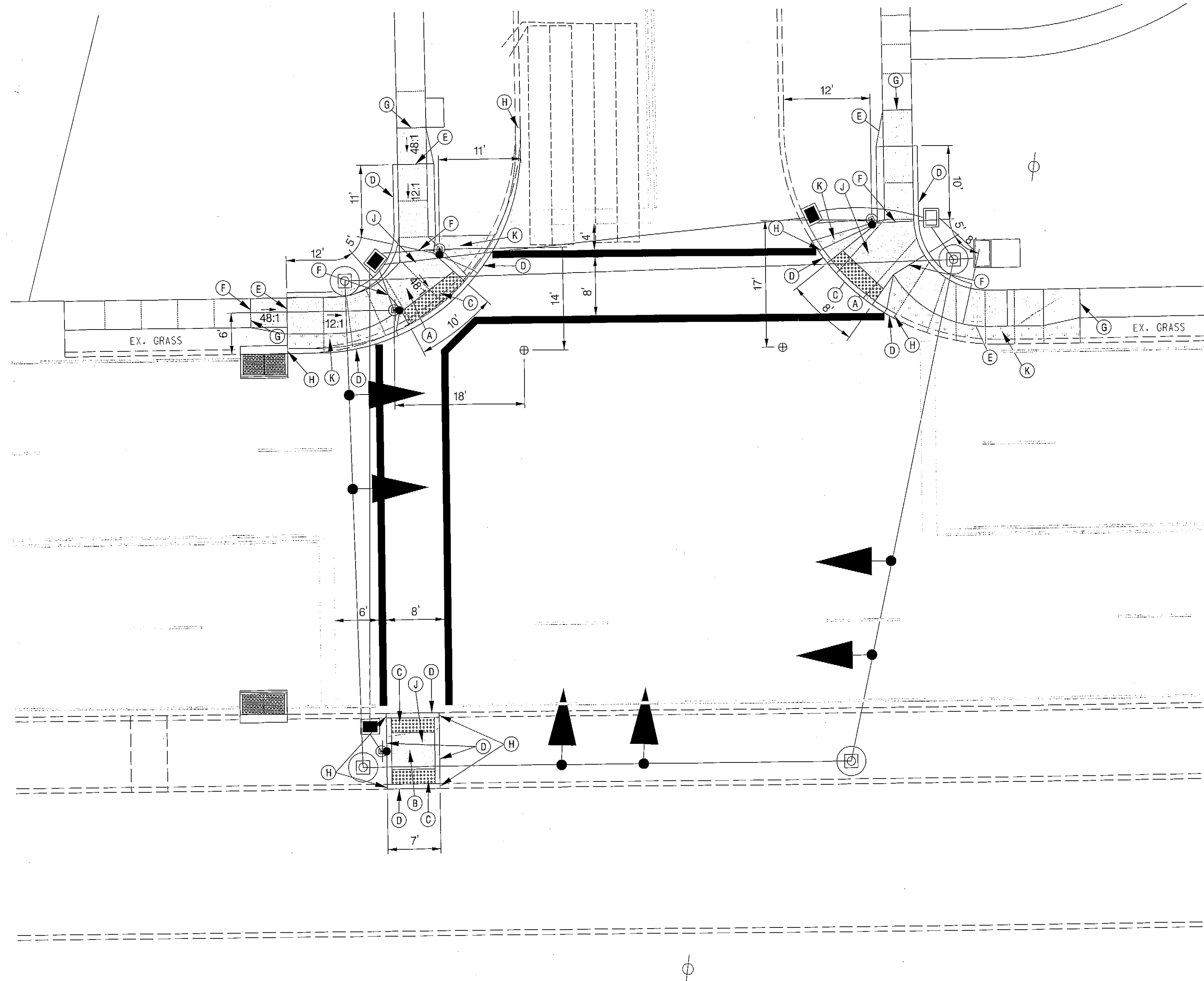


MD 396 IS ASSUMED TO RUN
IN AN EAST/WEST DIRECTION



APS NOTES:

1. PUSH BUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPARATION BETWEEN PUSH BUTTONS IS TO BE MEASURED FROM FACE OF PUSH BUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSH BUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSH BUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. APS WILL FUNCTION AS FOLLOWS:

TO CROSS MASSECHUSETTS AVENUE AT CROMWELL DRIVE.

- A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS MASSECHUSETTS AT CROMWELL. WAIT."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

TO CROSS CROMWELL AT MASSECHUSETTS AVENUE.

- A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS CROMWELL AT MASSECHUSETTS. WAIT."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

GEOMETRIC CONSTRUCTION DETAILS:

- A. INSTALL COMBINATION SIDEWALK RAMP (STANDARD NO. MD 655.13).
B. INSTALL SIDEWALK CUT-THROUGH (STANDARD NO. MD 655.21).
C. INSTALL DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40).
D. INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
E. BEGIN 12:1 RAMP.
F. BEGIN 48:1 LEVEL LANDING AREA.
G. TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
H. TIE NEW CURB TO EXISTING CURB AT JOINT.
J. REMOVE EXISTING RAMP, INSTALL NEW SIDEWALK AND TIE TO EXISTING SIDEWALK.
K. REMOVE EXISTING SIDEWALK RAMP AND BACKFILL WITH SEED AND MULCH.

TOD NO: XX427-18
SHA NO: MO228B55
MD 396 @ Cromwell Drive

LEGEND SYMBOL

- ⊙ 48" SIGNAL POLE FOUNDATION
- ⊙ 36" SIGNAL POLE FOUNDATION
- ⊙ 24" PED POLE FOUNDATION
- ⊕ 18" PED POLE FOUNDATION W/SIGN AND PUSHBUTTON
- PED SIGN
- PED PUSHBUTTON
- SIGNAL CABINET W/PAD
- POWER PEDESTAL
- HANDHOLE
- CONDUIT

GEOMETRIC LEGEND

- EXISTING SIDEWALK/ CURB JOINT
- NEW SIDEWALK AND ADA HANDICAP RAMP
- SEED AND MULCH

NOTE:
SIDEWALK JOINTS ARE APPROXIMATELY LOCATED.

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SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 396 (MASSECHUSETTS AVE) AT CROMWELL DRIVE
BETHESDA, MD

GEOMETRIC PLAN SHEET

SCALE 1" = 10' DATE 04/20/11 CONTRACT NO. XX6555185

DESIGNED BY CW COUNTY MONTGOMERY
DRAWN BY CW LOGMILE 15039601.03
CHECKED BY JB TIMS NO. K 628
F.A.P. NO. TOD NO.

TS NO. 4788 DRAWING — OF SHEET NO. 2 OF 3

PLOTTED: Tuesday, April 12, 2011 AT 07:11 AM
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